

# Buttock-Knee Length

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## Purpose

This measurement is usually associated with ejection seat clearance and threshold values between the knee and the glare shield (or canopy bow).

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## Equipment Required

Anthropometer

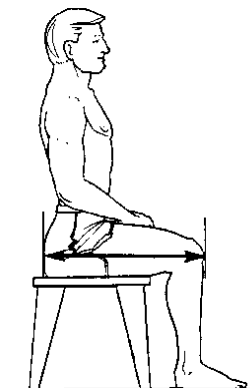
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## Measurement Procedure

1. While the subject sits erect, draw a landmark on the bottom tip of the right knee cap. The subject's thighs should be parallel, with the knees flexed at 90°. The feet should be in line with the thighs, and lying flat on the surface of a footrest or the floor.



2. The anthropometer is placed flush against the buttock plate at the most posterior point on either buttock, and the anterior point to the right knee is measured with an anthropometer.



**NOTE 1:** Measurements are to be taken to the nearest eighth of an inch. Measurements should be taken at least twice. If there is a large variation between the two measurements, recheck body position and repeat measurements.